

ZAMAKHOVSKIY, L. L.

Technological bases for determining yarn production costs in
cotton spinning. Izv. vys. ucheb. zav.; tekhn. tekst. prom.
no. 4:3-11 '62. (MIRA 15:10)

1. Moskovskiy tekstil'nyy institut.

(Cotton manufacture--Costs)

ZAMAKHOVSKIY, L.I., kand.tekhn.nauk, dotsent

Preparation of industrial problems for solution by mathematical
methods. Tekst.prom. 22 no.9:42-46 S '62. (MIRA 15:9)

1. Moskovskiy tekstil'nyy institut.
(Cotton industry) (Engineering mathematics)

KULAKHMET'YEV, R.M., inzh.; BABINSKIY, A.Ya.; SELIVANOV, P.Ya.; ZAMAKHOVSKIY,
L.I., kand.tekhn.nauk

Consultation. Tekst.prom. 21 no.2:86-89 Ja '61. (MIRA 14:3)

1. Gosudarstvennyy proyektnyy institut No. 1 (for Kulakhmet'yev).
(Textile machinery)

STERLIN, Yefim Abramovich; POBEDIMSKIY, G.V., retsenzent; CHERTKOV, L.Ya.,
retsenzent; ZAMAKHOVSKIY, L.I., spots.red.; KOPELEVICH, Ye.I.,
red.; SHAPENKOVA, T.A., tekhn. red.

[Establishment of production norms in cotton spinning] Tekhnicheskoe
normirovaniye v khlopkopriadenii. Moskva, Izd-vo nauchno-tekhn.lit-ry
RSFSR, 1961. 257 p. (MIRA 14:12)
(Cotton manufacture—Production standards)

STERLIN, Yefim Abramovich; POBEDIMSKIY, G.V., retsenzent; CHERTKOV, L.Ya.,
retsenzent; ZAMAKHOVSKIY, L.I., spets. red.; KOPELEVICH, Ye.I., red.;
SHAPENKOVA, T.A., tekhn. red.

[Establishing technical norms in cotton spinning] Tekhnicheskoe normi-
rovanie v khlopkopriadenii. Moskva, Izd-vo nauchno-tekhn. lit-ry
RSFSR, 1961. 257 p. (MIRA 14:11)
(Cotton manufacture—Production standards)
(Spinning machinery)

ZAMAKHOVSKIY, L. I.

ZUBCHANINOV, Vladimir Vasil'yevich; POLYAK, T.B., kandidat tekhnicheskikh nauk, retsenzent; ZAMAKHOVSKIY, L. I., kandidat tekhnicheskikh nauk, retsenzent; GLAZOV, Ia. I., redaktor; LEBEDEV, G. Ye., redaktor; DMITRIYEVA, N. I., tekhnicheskiiy redaktor.

[Technical and economic analysis of present-day trends in developing cotton spinning and cotton weaving equipment in capitalist countries]
Tekhniko-ekonomicheskii analiz sovremennykh napravlenii v razvitii khlopkopriadil'nogo i khlopkotkatskogo oborudovaniia v kapitalisticheskikh stranakh. Pod red. Ia. I. Glazova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1957. 142 p. (MIRA 10:11)
(Spinning machinery) (Looms)

ZAMAKHOVSKIY, Lev Isidorovich; STERLIN, Ye.A., kand. tekhn.
nauk, retsenzent; POBEDIMSKIY, G.V., retsenzent;
NESHATAYEVA, N.M., red.

[Organization and planning of cotton spinning enter-
prises] Organizatsiia i planirovanie khlopkopriadi-
nogo proizvodstva. Moskva, legkaia industriia, 1964.
247 p. (MIRA 18:1)

VOLOSHIN, A.I.; BOGOYAVLENSKIY, K.A.; AKHTYRCHENKO, A.M.; TURIK, I.A.;
 ZHIDKO, A.S.; LYALYUK, V.S.; GABAY, L.I.; ONOPRIYENKO, V.P.;
 STARSHINOV, B.N.; BABIY, A.A.; SAVELOV, N.I.; Prinimali
 uchastiye: TORYANIK, E.I.; VASIL'YEV, Yu.S.; SHEMEL', T.I.;
 SENYUTA, V.I.; BONDARENKO, I.P.; AMSTISLAVSKIY, D.M.;
 ANDRIANOV, Ye.G.; SERGEYEV, G.N.; ZAMAKHOVSKIY, M.A.;
 LYUKIMSON, M.O.; IVONIN, V.K.; TSIMBAL, G.I.; SEN'KO, G.Ye.;
 KONAREVA, N.V.; SOLODKIY, Yu.L.; LUKASHOV, G.G.; TARASOV, D.A.;
 GORBANEV, Ya.S.; SUPRUN, I.Ye.; TIKHOMIROV, Ye.I.; KONONENKO, P.A.;
 PROKOPOV, V.N.; GULYGA, D.V.; PLISKANOVSKIY, S.T.; PONOMAREVA, K.Ye.

Effect of the length of coking on coke quality and the performance
 of blast furnaces. Koks i khim. no.12:26-32 '61.
 (MIRA 15:2)

1. Ukrainskiy uglekhimicheskiy institut (for Voloshin,
 Bogoyavlenskiy, Akhtyrchenko, Turik, Zhidko, Lyalyuk, Toryanik,
 Vasil'yev, Shemel'). 2. Zhdanovskiy koksokhimicheskiy zavod
 (for Gabay, Senyuta, Bondarenko, Amstislavskiy, Andrianov,
 Sergeyev, Zamakhovskiy, Lyukimson, Ivonin, Tsimbal). 3. Ural'skiy
 nauchno-issledovatel'skiy institut chernykh metallov (for
 Onopriyenko, Starshinov, Babi, Sen'ko, Konareva, Solodkiy).
 4. Zavod "Azovstal'" (for Savelov, Lukashov, Tarasov, Gorbanev,
 Suprun, Tikhomirov, Kononenko, Prokopov, Gulyga, Pliskanovskiy,
 Ponomareva).

(Coke)
 (Blast furnaces)

KORYAKIN, Sergey Fedorovich, kand. ekon. nauk, dots.; BERNISHTEYN,
 Iosif L'vovich, kand. ekon. nauk, dots.; Primal
 uchastiye: ELLINSKIY, Yu.F., st. prep.; SHRABSHTEYN,
 Ye.A., dots., retsenzent; CHERKASOV-TSIBIZOV, A.A., st.
 prepod., retsenzent; MILYUKOV, M.A., st. prepod.,
 retsenzent; MOZHAROV, N.D., kand. ekon. nauk, retsenzent;
 MAKAL'SKIY, I.I., kand. ekon. nauk, retsenzent; KREMER,
 B.A., inzh., retsenzent; PETRUCHIK, V.A., kand. ekon. nauk,
 red.; GUBERMAN R.L., kand. ekon. nauk, red.; RODIN, Ye.D.,
 kand. ekon. nauk, red.; DUBCHAK, V.Kh., inzh., red.;
 MARTIROSOV, A.Ye., inzh., red.; PLYUSHKIN, V.A., inzh.,
 red.; BELOV, M.I., doktor geogr. nauk, red.; SINITSYN, M.T.,
 inzh., red.; KOLESNIKOV, V.G., kand. tekhn. nauk, red.;
 ZAMAKHOVSKIYA, A.G., kand. ekon. nauk, red.; KUZ'MIN, T.P.,
 inzh., red.; NEMCHIKOV, V.I., kand. tekhn. nauk, red.;
 GEKHTBARG, Ye.A., inzh., red.; FILIPPOV, K.D., red.;
 KRUGLOVA, Ye.M., red.

[Economics of the merchant marine] Ekonomika morskogo trans-
 porta. Izd.2., perer. i dop. Moskva, Transport, 1964.
 527 p. (MIRA 18:1)

GONTOVENKO, N.P.; HOZENBERG, Yu.G.; ZAMALIN, P.S.; TSUKERMAN, S.I.;
GONTARENKO, I.F.; SYTNYANSKIY, V.D.; MARKMAN, L.L.

Smelting of pig iron in a coke gas cupola furnace. Prom. energ.
15 no.8:14-16 Ag '60. (MIRA 15:1)
(Cupola furnaces)
(Coke-oven gas)

ZAMALIN, S.

Planning of material reserves should be based on science. ITO 5 no.6:
43-46 Je 63. (MIRA 16:9)

1. Chlen Komiteta Vsesoyuznogo soveta nauchno-tehnicheskikh obshchestv ekonomiki i organizatsii proizvodstva.

ZAMALIN, V.

Standardization is needed. NTO 3 no.9:37 S '61. (MIRA 14:8)

1. Predsedatel' komiteta standartizatsii i normalizatsii
Moskovskogo oblastnogo pravleniya Nauchno-tekhnicheskogo
obshchestva mashinostroitel'noy promyshlennosti.
(Standardization)

ZAMALIN, V.

Standardization brings savings. Izobr.i rats no.10:10
0 '62. (MIRA 15:9)

1. Predsedatel' Komiteta standartizatsii i normalizatsii
Moskovskogo oblastnogo nauchno-tekhnicheskogo obshchestva
mashinostroitel'noy promyshlennosti.
(Standardization)

ZAMALIN, V.S., inzh.; TIMOSHEVSKIY, V.I.

Determining technical and economic efficiency of standardization in
the machinery industry. Mekh.i avtom.proizv. 17 no.1:36-38
N '63. (MIRA 17:4)

ZAMALIN, V.S.

Attachments for machine tools. Mashinostroitel' no.12:11-13
D '64. (MIRA 18:2)

ZAMALIN, V.S.

Standard promotes progress. Standartizatsiia 29 no.4:11-12
Ap '65. (MIRA 18:7)

1. Predsedatel' komissii standartizatsii tekhniko-ekonomicheskogo
soveta Moskovskogo soveta narodnogo khozyaystva.

ZAMALIN, V.S.

Planning the standardization, simplification and unification
work. Standartizatsiia 25 no.10:36-38 0 '61. (MIRA 14:9)
(Standardization)

ZAMALIN, V.S., inzh.

Mechanization and automation of production processes in the industry
of the Moscow Province Economic Council. Mekh.i avtem.proizv. 16 no.
5: 54-55. 162.

(Moscow Province—Industrial equipment)

(MIRA 16:5)
(Automation)

ZAMALIN, V.S., inzh.

Introduce rotary production lines more efficiently. Mekh. i
avtom.proizv. 16 no.1:21-22 Ja '62. (MIRA 15:1)
(Machine tools)
(Automation)

VOLKOV, S.I., kand. tekhn. nauk [deceased]; GORODETSKIY, I.Ye.,
doktor tekhn. nauk, prof. [deceased]; GOROSHKIN, A.K.,
inzh.; DOSCHATOV, V.V., inzh.; ZAMALIN, V.S., inzh.;
KEDROV, S.M., kand. tekhn. nauk; MALOV, A.N., kand.
tekhn.nauk, prof.; MARDANYAN, M.Ye., inzh.; PANCHENKO,
K.P., kand. tekhn. nauk; ROZHDESTVENSKIY, L.A., kand. tekhn.
nauk; SEKRETEV, D.M., inzh.; SYROVATCHENKO, P.V., kand.
tekhn. nauk; TAURIT, G.E., inzh.; EL'YASHEVA, M.A., kand.
tekhn. nauk; YAKUSHEV, A.I., doktor tekhn.nauk, prof.; KOVAN,
V.M., doktor tekhn.nauk, prof., red. [deceased]; SERGEYEV,
V.M., inzh., red. izd-va; CHERNOVA, Z.I., tekhn. red.; EL'KIND,
V.D., tekhn. red.

[Handbook for the mechanical engineer] Spravochnik tekhnologa-
mashinostroitelia; v dvukh tomakh. Glav. red. V.M.Kovana. Mo-
skva, Mashgiz. Vol.2. 1963. 912 p. (MIRA 16:7)
(Machinery--Design and construction)

ZAMALIN, V.S.

Introduce standardization concepts to people. Standartizatsiia
29 no.8:39-40. '65. (MIRA 18:10)

1. Uchenyy sekretar' Komiteta Vsesoyuznogo soveta nauchno-
issledovatel'skikh obshchestv po standartizatsii.

ZAMANSKIY, L.H.; IOPUSHANSKIY, A.I.; ZHILA, Ye.S.; KAPRALOVA, Ye.V.
(Chernovitsy)

Biochemistry of the stimulation of experimental wound healing.
Eksp. khir. 4 no.4:56 J1-Ag '59. (MIRA 12:11)
(WOUND HEALING metabolism)

ZAMAL'DINOV, K. (Kazan')

Preparing for the anniversary. Za rul. 16 no.9:3 S '58.
(MIRA 11:10)

1. Sekretar' Tatarskogo obkoma Vsesoyuznogo Leninskogo Kommu-
nisticheskogo soyuza molodezhi
(Automobile drivers)

ZARIALIN, P.S.

AUTHOR: Ginzburg, Z.I., Engineer
 TITLE: Production Engineering and Technical Section on the Exchange of Experience in the Utilization of Natural Gas in Industrial Plants
 PERIODICAL: Vestnik Leningradskogo inzhenerno-tehnicheskogo obshchestva (Khar'kovskiy inzhenerno-tehnicheskii universitet) i inzhenerno-tehnicheskii vestnik (Leningradskiy inzhenerno-tehnicheskii universitet) 1958, no. 7, pp. 56-57 (USSR)

ABSTRACT: The section was called by the Khar'kov synovator (Khar'kovskiy inzhenerno-tehnicheskii obshchestvo) and the Institute of the Scientific and Technical Society for the Utilization of Natural Gas (Khar'kovskiy inzhenerno-tehnicheskii universitet) and the Institute of the Scientific and Technical Society for the Utilization of Natural Gas (Khar'kovskiy inzhenerno-tehnicheskii universitet) and the Institute of the Scientific and Technical Society for the Utilization of Natural Gas (Khar'kovskiy inzhenerno-tehnicheskii universitet).

with natural gas. The furnace has three burners supplied by one air manifold and one gas manifold which ensure the simultaneous control of all burners. The practical utilization of gas-fired cast iron melting furnaces has shown that cast iron with a carbon content below 1% can be produced. The high temperatures achieved make it possible to introduce up to 15-20% of steel scrap into the charge and also to accomplish modification of the cast iron. It is stated that cast iron heated with gas has a low sulphur content and is distinguished by higher mechanical properties. Z.I. Ginzburg, of the Khar'kovskiy inzhenerno-tehnicheskii obshchestvo (Khar'kovskiy inzhenerno-tehnicheskii universitet) reported on experience with the furnace of natural gas in industrial furnaces. At the Khar'kovskiy inzhenerno-tehnicheskii obshchestvo (Khar'kovskiy inzhenerno-tehnicheskii universitet) the conversion of electricity furnished to natural gas.

Card 8/3

of Engineering Plants

Levin, A.B., Engineer, of the Khar'kovskiy inzhenerno-tehnicheskii obshchestvo (Khar'kovskiy inzhenerno-tehnicheskii universitet) reported on working testing and natural gas using calorifiers. There is a table.

Card 9/3

MALOV, A.N., kand.tekhn.nauk; BABKIN, S.I., kand.tekhn.nauk; VOLKOV, S.I.,
kand.tekhn.nauk; GORODETSKIY, I.Ye., prof., doktor tekhn.nauk;
GOROSHKIN, A.K., inzh.; DOSCHATOV, V.V., kand.tekhn.nauk; ZAMALIN,
V.S., inzh.; ISAYEV, A.I., prof., doktor tekhn.nauk; KENROV, S.M.,
kand.tekhn.nauk; MARDANYAN, M.Ye., inzh.; PANCHENKO, K.P., kand.
tekhn.nauk; SEKRETEV, D.M., inzh.; STAYEV, K.P., kand.tekhn.nauk;
SYROVATCHEIKO, P.V., inzh.; TAURIT, G.E., inzh.; ML'YASHEVA, M.A.,
kand.tekhn.nauk; KOVAN, V.M., prof., doktor tekhn.nauk, glavnyy red.;
MARKUS, M.Ye., inzh., red. [deceased]; SOKOLOVA, T.F., tekhn.red.

[Manual for mechanical engineers; in two volumes] Spravochnik tekhn-
loga mashinostroitelia; v dvukh tomakh. Glav.red. V.M.Kovan. Chleny
red.soveta B.S.Balakshin i dr. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry. Vol.2. Pod red. A.N.Malova. 1959. 584 p.
(MIRA 12:11)

(Mechanical engineering)

ZAMALIN, V.S.

Requirements of standards. Standartizatsiia 29 no. 11:27-28
N '65. (MIRA 19:1)

ZAMALIN, V.S.

General attention to the state standardization. Standartizatsiia
28 no.10:51-54 O '64. (MIRA 17:12)

ZAMALIN, V.S.

ANTIPOV, K.F., inzhener; BALAKSHIN, B.S., doktor tekhnicheskikh nauk, professor; BARYLOV, G.I., inzhener; BRYZEL'MAN, R.D., inzhener; BERDICHEVSKIY, Ye.G., inzhener; BOBKOV, A.A., inzhener; KALININ, M.A., kandidat tekhnicheskikh nauk; KOVAN, V.M., doktor tekhnicheskikh nauk, professor; KORSUNOV, V.S., doktor tekhnicheskikh nauk; KOSILOVA, A.G., kandidat tekhnicheskikh nauk; KUDRYAVTSEV, N.T., doktor khimicheskikh nauk, professor; KURYSHEVA, Ye.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk, professor; MAYERMAN, M.S., inzhener; NOVIKOV, M.P., kandidat tekhnicheskikh nauk; PARTYSKIY, M.S., inzhener; PEREPOPOV, M.N., inzhener; POPILOV, L.Ye., inzhener; POPOV, V.A., kandidat tekhnicheskikh nauk; SAVERIN, M.M., doktor tekhnicheskikh nauk, professor; SASOV, V.V., kandidat tekhnicheskikh nauk; SATEL', S.A., doktor tekhnicheskikh nauk, professor; SOKOLOVSKIY, A.P., doktor tekhnicheskikh nauk, professor [deceased]; STANKSVICE, V.G., inzhener; FRUMIN, Yu.L., inzhener; KHEZIMOY, M.I., inzhener; TSEYTLIN, L.B., inzhener; SHUKHOV, Yu.V., kandidat tekhnicheskikh nauk; BABKIN, S.I., kandidat tekhnicheskikh nauk; VOLKOV, S.I., kandidat tekhnicheskikh nauk; GORODETSKIY, I.Ye., doktor tekhnicheskikh nauk, professor; GOROSHIN, A.K., inzhener; DOSCHATOV, V.V., kandidat tekhnicheskikh nauk; ZAMALIN, V.S., inzhener; ISAYEV, A.I., doktor tekhnicheskikh nauk, professor; KUZNETSOV, S.M., kandidat tekhnicheskikh nauk; MALOV, A.N., kandidat tekhnicheskikh nauk; MARIANYAN, M.Ye., inzhener; PANCHENKO, K.P., kandidat tekhnicheskikh nauk; SEKRISTEV, D.N., inzhener; STAYEV, K.P., kandidat tekhnicheskikh nauk; SYROVATCHENKO, P.V., inzhener; TAURIT, G.B., inzhener; SL'YASHEVA, M.A., kandidat tekhnicheskikh nauk;

(Continued on next card)

ABTIPOV, K.P. --- (continued) Card 2.

GRANOVSKIY, G.I., redaktor; DENISYUK, S.M., redaktor; Ushakov, V.I., redaktor; GABAIKO, O.V., redaktor; Kiselev, A.G., redaktor; [deceased]; SOKOLOVA, T.F., total number of pages

[Machine builder's manual] Spravochnik po stroitelstvu mashinostroyeniya; v dvukh tomakh, red.sovet V.M. Kozlov. Obshchaya teoriya mashinostroyeniya i dr. Moskva, Gos.nauchno-tekhnicheskoye izdatel'stvo mashinostroyeniya. Vol. 1. (Pod red. A.G. Kozilova) 1961. 480 s. (1961) (1961)
(Moscow: Industry)

ZAMALIN, V.S.

Useful contribution to the standardization. Mashinostroitel' no.8;
46 Ag '64. (MIRA 17:10)

ZAMALIN, Vladimir Samsonovich; EYDEL'MAN, B.I., red.; KHADASEVICH,
Yu.G., mtd. red.; GERASIMOVA, Ye.S., tekhn. red.

[Planning standardization and normalization] Planirovanie
standartizatsii i normalizatsii. Moskva, Izd-vo "Ekonomika,"
1964. 197 p. (MIRA 17:3)

ZAMALIN, Vladimir Samsonovich; SHIL'MAN, Issak Moiseyevich; ANAN'IN, A.V..
redaktor; LEONOV, G.Ye., tekhnicheskiy redaktor

[Repair and inspection of manometric instruments] Remont i poverka
manometricheskikh priborov. Moskva, Gos. energ. izd-vo, 1957. 134 p.
(Manometer--Repairing) (MLRA 10:4)

ZAMALIN, V.S., inzhener; STAYEV, K.P., redaktor; RZHAVINSKIY, V.V., redaktor;
~~KRYNOCHKINA, K.V., tekhnicheskiy redaktor~~

[Multiple-edged cutting tools with hard alloy blades] Mnogolazviynye
rezhushchie instrumenty s plastinkami tverdykh splavov. Moskva, Vses.
uchebno-pedagog. izd-vo Trudrezervizdat, 1952. 45 p. [Microfilm]
(Cutting tools) (MIRA 9:3)

ZAMALIN, V.S.

N/5
15.9
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Elektricheskiye metody obrabotki metallov (Electrical methods of working metals, by) Ye. Ya. Ulitskiy i V. S. Zamalin.
Moskva, Trudrezervizdat, 1952
157 p. illus., diagrs., tables.
"Literatura": p. 155-(156)

ZAMALIN, V. S., Engineer

"Problems in the sphere of
Automatizing Production Processes"

Stanki i Instrument, 12, No. 6, 1941

Report U-1503, 4 Oct. 1951

ZAMALIN, Yu.S.; DYMSHITS, Ye.S., inzh., retsenzent; KUNIN, P.A.,
inzh., red.

[Drilling holes in parts of machinery housings] Rasta-
chivanie korpusnykh detalei. Moskva, Izd-vo "Mashino-
stroenie," 1964. 109 p. (MIRA 17:6)

ZAMALIN, Yu.S.

Boring holes in body parts. Mashinostroitel' no.4:30-34 Ap '58.
(MIRA 11:5)

1. Kolomenskiy zavod tyazhelogo stankostroyeniya.
(Drilling and boring)

AUTHOR: Zamalin, Yu.S. SOV-117-58-4-11/21

TITLE: Boring Holes in Housing Frames (Rastachivaniye korpusnykh detaley)

PERIODICAL: Mashinostroitel', 1958, Nr 4, pp 30-34 (USSR)

ABSTRACT: General information on the existing methods of accurate jig boring of multiple holes in walls of cast housings is given. The lay-on (suspended) and standing "coordinate templates", jigs (conductors), and the use thereof is described and illustrated. Technological recommendations for boring operations are given. There are 4 photographs and 3 drawings.

ASSOCIATION: Kolomenskiy zavod tyazhelogo stankostroyeniya (Kolonna Heavy-Machine Building Plant) 1. Machine tools--Operation 2. Machine shop practice
Card 1/1 --USSR 3. Castings--Machining

ZAMAN, E.

ZAMAN, E.

The use of narcogen in urology. Lek.listy 5 no.11:308-311 1 June 50.
(GLML 19:4)

1. Of the Urological Clinic, Masaryk University in Brno (Head --
Prof. K.Neuwirt, M.D.)

ZAMANEK, J.

CZECHOSLOVAKIA / Plant Diseases--Cultivated Plants

0

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 73291

Author : ~~Zamaneck~~, Jiri, Bartos, Pavel

Inst : Not given

Title : Anaerobic Fungicide Treatment of Barley Against
Barley Smut (Ustilago nuda)

Orig Pub: Za vysokou urodu, 1958, 6, No 3, 65

Abstract: No abstract.

Card. 1/1

3

ZAMANOV, A.

Automotive transportation in the Tajik S.S.R. during the
last 40 years. Avt. transp. 42 no.10:6-7 0 '64.

(MIRA 17:11)

1. Instruktor promyshlenno-transportnogo otdela Tsentral'nogo
komiteta Kommunisticheskoy partii Tadzhikistana.

ZAMANOV, A. (Dushanbe)

Railroad lines of the Tajik S.S.R. Zhel.dcr.transp. 46 no.11862-62
N '64. (MIRA 18:1)

ZAMANOV, A.

Reconditioning the drive of the TA-49 taximeter. Avt.transp. 37
no.1:47 Ja '59. (MIRA 12:2)

1. Ministerstva transporta i dorozhnogo khozyaystva Tadzhikskoy SSR.
(Taxicabs--Equipment and supplies)

ZAMANOV, Aligasan Nazarovich; BATUROVA, L., red.

[Transportation of Tajikistan; developing the automotive freight transportation of Tajikistan, and ways to improve its work] Transport Tadzhikistana; razvitie gruzovogo avtomobil'nogo transporta Tadzhikskoi SSR i puti uluchsheniia ego raboty. Dushanbe, Irfon, 1964. 118 p. (MIRA 18:3)

2. 17. 1957, B.A.

FARKHADOV, A.A.; NURIYEV, M.P.; ZAMANOV, B.A.; KYAZIMOV, A.M.

Cathodic protection of sea-going ship hulls against corrosion
[in Azerbaijani with summary in Russian]. Azerb. neft. khoz.
36 no.6:38-41. Je '57. (MLRA 10:9)
(Hulls (Naval architecture)) (Corrosion and anticorrosives)

ZAPRNOV, B. A.

FARKHADOV, A., kand. tekhn. nauk; NEGREYEV, V., doktor tekhn. nauk;
NURIYEV, M., starshiy inzh.; ZAMANOV, B., starshiy inzh.;
KYAZIMOV, A., inzh.; RYBAKOV, L.

Cathodic protection of seagoing ships from corrosion. Mor. flot 18
no. 2:13-14 11 '58. (MIRA 11:2)

1. Institut "Gipromorneft'" (for Kyazimov). 2. Glavnyy inzhener
"Kaspneftflot" (for Rybakov).
(Corrosion and anticorrosives)

ZAMANOV, B. A.

GROBSHTEYN, S.R.; ZAMANOV, B.A.; KULIYEV, I.P.; NEGREYEV, V.F.;
FARKHADOV, A.A.

Electrochemical protection in thin films of sea water and possibilities for using it to prevent corrosion of submerged portion of piles. Azerb.neft.khoz.36 no.2:38-41 F '57. (MIRA 10:4)
(Corrosion and anticorrosives)
(Oil well drilling, Submarine)

USSR / Soil Science. Physical and Chemical Properties of Soil. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48622

Author : Zamanov, D.

Inst : Not given

Title : The Accumulation of Roots and Water-Stable Aggregates in the Cotton-Grain Crop Rotating System

Orig Pub : Khlopkovodstvo, 1957, No 7, 40-41

Abstract : Reported are field experiment results gotten at the training farm of the Azerbaijan Agricultural Institute (conducted in the years 1950-1952) under conditions of four and eight year rotation cropping systems with two and three year intervals of grass growing.

Card 1/1

USSR / Cultivated Plants. Plants for Technical Use. M
Oil Plants. Sugar Plants.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24952

under cereal grains with an additional
sowing of grasses, another field under grasses
and 3-4 fields under the cotton plant.

Card 2/2

105

ZAMANOV, D. G.

ZAMANOV, D. G. - "The dynamics of accumulation of roots and other structural elements in the soil and their disturbance in grass-field cotton crop rotation." Kirovabad, 1955. Min Higher Education USSR. Azerbaydzhan Agricultural Inst. (Dissertations for degree of Candidate of Agricultural Sciences.)

SO: Knizhnaya letopis', No 48. 26 November 1955. Moscow.

ZAMANOV, Kh.

Unused possibilities. Vest.prom.i khud.promys. 3 no.3:18 Mr '62.
(MIRA 15:3)

1. Glavnyy inzhener upravleniya mestnoy promyshlennosti,
Semipalatinsk, Kazakhskoy SSR.
(Semipalatinsk--Efficiency, Industrial)

TARVERDIYEV, R.B.; ZAMANOV, Kh.D.

Transparency and color of mountain lake waters in the Great
Caucasus. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 4:
111-117 '64. (MIRA 17:12)

SOV/132-59-8-14/18

22(5)

AUTHOR: Zamancv, K.M.

TITLE: The Working Practice of the Uzbek Territorial Committee of the Trade-Union of Workers in Geological-Prospecting Operations

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 8, pp 54-56 (USSR)

ABSTRACT: At the beginning of 1958, the Uzbekskiy territorial'-nyy komitet (Uzbek Territorial Committee) of the Geological Workers Trade-Union jointly with the Glavnoye upravleniye geologii i okhrany nedr pri Sovete Ministrov Uzb SSR (Main Directorate of Geology and Conservation of Mineral Resources at the Council of Ministers of the Uzbekskaya SSR) introduced a series of measures aiming at improving working conditions, work safety, labor protection, etc. As a result, the number of traumatic accidents in organizations controlled by the committee declined 19% in 1958. No such accidents at all were registered in the Surkhan-Dar'ya, Naugarzan, Sary-

Card 1/4

SOV/132-59-8-14/18

The Working Practice of the Uzbek Territorial Committee of the
Trade-Union of Workers in Geological-Prospecting Operations

Chekur and Kara-Kalpak parties and expeditions. The improvement in medical service and in sanitary conditions caused the reduction of sickness cases among the workers. Different trade-union organizations paid special attention to the introduction of new tools, machines, and working methods. The Committee also collaborated with the Sredne-Aziatskiy nauchno-issledovatel'skiy institut geologii i mineral'nogo syr'ya (Central-Asian Scientific Research Institute of Geology and Mineral Raw Materials) and with the Filial Vsesoyuznogo nauchno-issledovatel'skogo geologorazvedochnogo neftyanogo instituta (Branch of the All-Union Scientific-Research Geological Prospecting Petroleum Institute) in conducting a large number of experimental works for the introduction of the latest technological achievements. The author further enumerates improvements in working and living conditions in the Amalkalyk,

Card 2/4

SOV/132-59-8-14/18

The Working Practice of the Uzbek Territorial Committee of the Trade-Union of Workers in Geological-Prospecting Operations

Naugarzan, Kyzyl-Kum, Angren, Chadak, Samarkand parties and expeditions, in various organizations of Uzbeknefterazvedka, in Uzbek hydrogeological and geophysical trusts, etc. Special schools and courses were organized by the Committee to increase the professional knowledge of workers. Altogether 1753 workers passed through these schools. About 12,000 workers received special instruction on work safety measures. The Committee also controlled the construction of new living quarters for workers. Altogether 7,510 sq m were constructed in 1958 (123.3% of the plan). Also at the Committee's insistence, the Kagan, Golodnaya Step' and Almalyk expeditions, the stroitel'no-montazhnaya kontora (Building and Assembly Office), and Partiya profil'nogo bureniya Nr 3 tresta Uzbeknefterazvedka (Nr 3 Party of Exploratory Drilling of the Uzbeknefterazvedka Trust) received

Card 3/4

SOV/132-59-8-14/18

- The Working Practice of the Uzbek Territorial Committee of the Trade-Union of Workers in Geological-Prospecting Operations

special equipment, tents, sleeping bags, dismountable houses, etc, needed for their work.

ASSOCIATION: Uzbekskiy terkom profsoyuza rabochikh geologorazvedochnykh rabot (The Uzbek Territorial Committee of the Trade-Union of Geological-Prospecting Workers)

Card 4/4

ZAMANOV, Kh.Ch.

Hydrochemical and physical properties of the waters of mountain
lakes of northeastern Azerbaijan and Kobystan. Izv.AN Azerb.SSR
no.7:47-54 J1'54. (MIRA 8:10)

(Azerbaijan--Lakes)

Zamanov, Kh. D.

Geochemical and physical properties of waters from
North-East Azerbaijan and Kobaylan mountainous lakes,
Kh. D. Zamanov, Izv. Akad. Nauk Azerbaidzhan,
S.S.R. 1934, No. 7, 47-53 (in Azerbaidzhan, Russian sum-
mary, 54).—Chem. analyses are given.
M. C.

ZAMANOV, Kh. D.

"Mountain Lakes of Northeastern Azerbaydzhan and Kobystan."
Cand Geog Sci, Inst of Geography, Acad Sci Azerbaydzhan SSR,
Baku, 1953. (RZhGeol, Sep 54)

SO: Sum 432, 29 Mar 55

HUSTAMOV, S.G.; ZAMUKOV, Kh.D.

Lakes of the Sumgait-Chay Basin [in Azerbaijani with summary in Russian]. Dokl. AN Azerb. SSR 12 no.5:335-340 '56. (MLRA 9:9)
(Sumgait-Chay Basin--Lakes)

ZAMANOV, Kh.D.

Lakes of the Alagel' Basin in Kel'badzhar District [in Azerbaijani
with summary in Russian]. Dokl. AN Azerb.SSR 13 no.5:541-546 '57.
(Kel'badzhar District--Lakes) (MLRA 10:7)

ZAMANOV, Kh.D.

Hydrological characteristics of Geygel' Island. Dokl. AN Azerb.
SSR 14 no.2:125-130 '58. (MIRA 11:4)

1. Institut geografii AN AzerSSR. Predstavleno akademikom AN
AzerSSR M.-A. Kashkayev.
(Geygel' Island--Hydrology)

RUSTAMOV, S.G.; ZAMANOV, Kh.D.

Depth of Mingechaur Reservoir [in Azerbaijani with summary in Russian]. Dokl.AN Azerb.SSR 14 no.11:875-880 '58.

(MIRA 11:12)

1. Institut geografii AN AzerSSR.

(Mingechaur Reservoir--Sounding and soundings)

RUSTAMOV, S.G.; ZAMAIYOV, Kh.D.

Water balance of the Mingechar Reservoir. Izv. AN Azerb. SSR.
Ser. geol.-geog. nauk no. 1:103-117 '59. (MIRA 12:5)
(Mingechar Reservoir)

ZAMANOV, Kh.D.; KOTLYARSKIY, I.A.

Lake Geygel" in the Shankhor Basin. Dokl.AN Azerb.SSR 15
no.2:149-154 '59. (MIRA 12:5)

1. Institut geografii AN AzerSSR.
(Geygel', Lake--Hydrology)

ZAMANOV, Kh.D..

Mountain lakes in the southeastern Caucasus. Izv. AN Azerb. SSR.
Ser. geol.-geog. nauk no.5:105-117 '59 (MIRA 13:3)
(Caucasus--Lakes)

ZAMANOV, Kh.D.; GASANOV, M.M.; DZHAFAROV, B.S.

Hydrochemical characteristics of the rivers in the Lenkoran'
area. Uch.zap. AGU. Geol.-geog.ser. no.6:31-40 '59. (MIRA 15:9)

(Azerbaijan--Rivers)

KULIKOV, G.I.; ZAMANOV, Kh.D.

Problem of the effect of the Mingechaur Reservoir on silt balances.
Dokl. AN Azerb. SSR 15 no.9:839-843 '59. (MIRA 13:2)

1. Predstavleno akademikom AN Azerbaydzhanskoy SSR M.A. Kashkayem.
(Mingechaur Reservoir--Silt)

ZAMANOV, Kh.D.

The chemistry of the lake waters of the Azerbaijan S.S.R.
Trudy Inst. geog. AN Azerb. SSR 10:110-124 '61. (MIRA 14:12)
(Azerbaijan--Water--Composition)

ZAMANOV, Kh.D.; TARVERDIYEV, R.B.

Thermal characteristics of the Greater Caucasus lakes (in Azerbaijan).

Izv.AN Azerb.SSR. Ser.geol.-geog nauk i nefti no.5:155-167

(MIRA 15:1)

'61.

(Azerbaijan--Lakes--Temperature)

ZAMANOV, Kh.D.

Snow cover as one of the sources feeding the mountain lakes of
Azerbaijan. Trudy Tbil.NIGMI no.9:177-179 '61. (MIRA 15:3)

1. Institut geografii AN Azerbaydzhanskoy SSR.
(Azerbaijan--Lakes) (Azerbaijan--Runoff)

ZAMANOV, Khalil Dzhahal; TARVERDIYEV, Ramazan Bakhshaly

[Hydrologic characteristics of lakes and reservoirs of the Greater Caucasus] Bokuk Gafgazy n koller i ve su anbarlarymyn hidrolozhi khususijjeleri. Baky, Azerbajchan SSR Elmler Akademijasy Neshrijjaty, 1965. 137 p. [In Azerbaijani] (MIRA 19:1)

ZAMANOV, K.Z.; TAIROV, A.N.

Erroneous diagnosis made by first aid physicians in acute
appendicitis. Azerb. med. shur. no.10:45-51 0 '61. (MIRA 15:6)
(APPENDICITIS)

ZAMANOV, P.B.

Effect of farm manure and mineral fertilizers on the yield of
commercial varieties and the smoking quality of tobacco in
Azerbaijan. Izv.AN Azerb.SSR.Ser.biol.i med.nauk. no.5:51-57 '62.
(MIRA 15:9)

(AZERBAIJANI--TOBACCO--FERTILIZERS AND MANURES)

GUSEYEV, D.M.; ZAMANOV, P.B.

Effect of new types of fertilizer on tobacco yield. Dokl.AN
Azerb.SSR 15 no.11:1045-1048 '59. (MIRA 13:4)
(Tobacco--Fertilizers and manures)

ZAMANOV, P.B.

Effect of the amounts of nitrogen, phosphorus, and potassium
on the yield and quality of tobacco under various soil and
climatic conditions in the Azerbaijan S. S. R. Trudy Inst.
pochv. i agrokhim. AN Azerb. SSR. 22:115-148 '64.
(MIRA 18:11)

TAIROV, A.N.; ZAMANOV, K.Z.

Analysis of unfavorable outcomes following operative interventions in acute surgical diseases of the organs of the abdominal cavity in elderly patients. Azerb. med. zhur. no.9:12-19 3 '62
(MIRA 18:1)

ZAMANOV, R. KH. ^h - Doc Cand Chem Sci -- (diss) "Methods of mercuri-
metric micro-determination of ~~halides~~ ^{halogenes} in ^{an} alcohol medium." Mos,
1957. 12 pp 20 cm. (Min of Higher Education. Moscow Order of
Lenin State Univ im M.V. Lomonosov. Chem Faculty), 100 copies
(KL, 21-57,99)

~~Э. П. ДИДАНОВ, А. А. *~~
BABAK, S.F.; ZAMANOV, R.Kh.

Interaction of nicotine and cadmium chloride. Soob.o nauch.rab.
chl.VKHO no.4:50-51 '53. (MIRA 10:10)
(Nycotine) (Cadmium chloride)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963710020-2

A MEMORANDUM FOR THE DIRECTOR OF THE CENTRAL INTELLIGENCE AGENCY
FROM THE DEPARTMENT OF THE ARMY
SUBJECT: [REDACTED]

1. [REDACTED]

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963710020-2"

ΣΑΠ 2 ΜΟΥ - Ε. ΚΗ.

1. Marsh, A. A. A simple method for microdetermination of the

155

1-204-204-144 NO

Some new tools, with a rigid frame, some apparatus, a microbure, assembly is described and illustrated which speeds up the procedure.

ZAMANOY, R. KH.

4

Chem

2111. Mercurimetric method of determining halides in organic compounds. I. N. Lapin and K. Kh. Zamanoz. U. P. Pavlov. Samarkand Med. Inst. Zhur. Anal. Khim., 1955, 10 (6), 384-387. The organic compound is decomposed by Na and a 16 per cent. soln. of ethanediol in isobutyl alcohol (modified Stepanov method), and the halide is determined by titration with 0.05 N $Hg(NO_3)_2$ in the presence of diphenylcarbazone as indicator. G. S. SMITH

PM

ZAMANOV, R. KH.

LAPIN, L.H.; ~~ZAMANOV, R. KH.~~; MAKAROVA, V.P.

Colorimetric method for determining ammonia in soil with the aid
of the thymol-hypobromite reaction [with summary in English].
Pochvovedenie no.4:95-98 Ap '57. (MLRA 10:7)

1. Uzbekskiy gosudarstvennyy universitet, Biologo-pochvennyy
fakul'tet, G. Samarkand.
(Soils---Analysis) (Ammonia) (Colorimetry)

ZAMANOV, T.A.

Dynamic systems and one-parameter groups of operators in Frechet spaces. Trudy Inst. mat. i mekh. AN Azerb. SSR 2:104-128 '63.
(MIRA 16:10)

ZAMANOV, T. A.

AGAYEV, G.N.; ZAMANOV, T.A.

On a boundary problem in Banach's space. Dokl. AN Azerb. SSR 13
no. 10:1045-1048 '57. (MIRA 10:12)

1. Predstavleno akademikom AN AzerSSR Z.I. Khalilovym.
(Functional analysis)

ZAMANOV, T.A.

Conditions for maintaining the property of continuity of
solutions in Frechet space. Izv. AN Azerb. SSR. Ser. fiz.-
mat.i tekhn. nauk no.1:49-56 '61. (MIRA 14:4)
(Spaces, Generalized)
(Differential equations, Partial)

ZAMANOV, T.A.

Possibility of the imbedding of dynamic systems into linear
spaces. Izv.AN Azerb.SSR.Ser.fiz.-mat.1 tekhn.nauk no.5:35-38
'60. (MIRA 14:4)

(Functional analysis)

ZAMANOV, T.A.

Single-parameter groups of operators in Fréchet spaces. Dokl. AN
Azerb. SSR 16 no.9:827-832 '60. (MIRA 13:12)

1. Institut matematiki AN AzerbSSR.
(Functional analysis)

ZAMANOV, T. A., Cand. Phys-Math. Sci. (diss) "On Dynamic Systems and Single-Parameter Groups of Operators in Freshe Space."
Baku, 1961, 6 pp. (Azaerbaydzhan State University im S. M. Kirov)
200 copies (KL Supp 12-61, 251).

I 41131-65 EWT(d)/T IJP(c)

S/0733/64/000/004/0021/0026

Authors: Aliyev, R. M.; Zamanov, T. A.

Title: Use of the Galerkin method to solve operator equations with nonseparable kernels

Abstract: The Galerkin method is used to solve operator equations with nonseparable kernels. The existence and uniqueness of the solution are proved.

Keywords: operator equations; existence condition; uniqueness condition; Galerkin method

Equation: The operator equation considered is

$$L[x(t)] = \frac{d^2 x(t)}{dt^2} + A \left(\frac{d}{dt} \int_0^t x(\tau) d\tau \right) + A_1(t) x(t),$$

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ACCESSION NR: AP5001562

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$$+ \sum_{j=1}^n \left\{ \frac{d}{dt} \left[B_j(t) x(t-h_j(t)) \right] + C_j(t) x(t-h_j(t)) \right\} = f(t)$$

where $x(t) = 0$ (null element) on the initial set E_0 .

$$x(0) = x(1) = 0$$

with $x(t)$ having values from H . $A_1(t)$, $A_2(t)$, $B_1(t)$, $C_j(t)$ ($j = 1, \dots, n$) being strongly continuous operator functions in H . $A_1(t)$ is a strongly continuous operator function. Functions $h_j(t)$ are non-negative continuously differentiable functions, $h_j(t) \leq 1$ for $t \in [0, 1]$. $f(t)$ is a strongly continuous operator function with values in H . λ is a constant complex number. An approximate solution of the problem is required for this question in the form

is constructed by the Galerkin method for this question

$$x_m(t) = \sum_{i=1}^{(m)} a_i \varphi_i(t)$$

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1.41.11-05

ACCESSION NR: AP501162

$$\varphi_i(t) = 0 \text{ on } E_\lambda, \varphi_i(0) = \varphi_i(1) = 0, i = 1, 2, \dots, m.$$

with coefficients $a_i^{(m)}$ determined from the equation

$$a_i + \sum_{n=1}^m a_n (\lambda C_{in} + d_{in}) - f_i = 0, (i = 1, 2, \dots, m)$$

the result of the convergence of the Galerkin method leads automatical-

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE 10

NR REF SOV: 003

OTHER: 002

ZAMANOV, U.

Exciting days. Sov.shakht. 10 no.7:9 J1 '61. (MIRA 14:8)

1. Nachal'nik uchastka shakhty No.9 kombinata Uzbekugol'.
(Angren Basin—Coal mines and mining—Labor productivity)

VOL'-EPSHTEYN, A.B.; ZAMANOV, V.V.; KRICHKO, A.A.; TITOVA, T.A.; CHERNYI, I.R.

Obtaining benzene by the hydrogenation of the products of fuel
pyrolysis. Khim. prom. 41 no.5:325-329 My '65. (MIRA 18:6)

ZAMAEV, U.A., gornyy inzh.

Work practices of the Uzbekugol' Combine Mine No. 9. Ugol' 35
no. 12:49-50 D '60. (MIRA 14:1)

1. Shakhta No. 9 kombinata Uzbejugol'.
(Angren Basin--Coal mines and mining)

GONIKBERG, M.G.; DOROGUCHINSKIY, A.Z.; MITROFANOV, M.G.; GAVRILOVA, A.Ye.;
IRONIN, A.P.; KUPRIYANOV, V.A.; MAKAR'YEV, S.V.; ZAMANOV, V.V.;
VOVK, L.M.

Thermal dealkylation of aromatic hydrocarbons. Khim.i tekhn. topl.
i masel 7 no.4:11-15 Ap '62. (MIRA 15:4)
(Hydrocarbons) (Alkyl groups)

DROBIN, A.P.; ZAMANOV, V.V.; KRICHKO, A.A.; LOZOVY, A.V.; MAKAR'YEV, S.V.;
MEZHLUMOVA, A.I.; PAL'CHIKOV, G.F.; STEPURO, S.I.

Combined arrangement for the use of thermal-cracking kerosine.
Khim. i tekhn. topl. i masel 9 no.6:18-24 Ja'64 (MIRA 17:7)

1. Giprogrozneft', Institut goryuchikh iskopayemykh AN SSSR i
Grozneftelkhimzavody.

ZAMANOV, V.V.

S/065/62/000/004/001/004
E075/E136

AUTHORS: Gonikberg, M.G., Dorogochinskiy, A.Z.,
Nitrofanov, M.G., Gavrilova, A.Ya., Dronin, A.P.,
Kupriyanov, V.A., Makar'yev, S.V., Zamanov, V.V.,
and Vovk, L.M.

TITLE: A process of thermal dealkylation of aromatic
hydrocarbons

PERIODICAL: Khimiya i tekhnologiya topliv i masel,
no.4, 1962, 11-15

TEXT: As a result of investigations carried out in the
years 1953-1960 in IOKh AN SSSR and GrozNII, a technological
scheme was developed for an industrial process of thermal
dealkylation of monocyclic aromatics such as toluene and methyl-
naphthalenes. A pilot plant for the process producing
30 000 tons of benzene per annum consists of a small number of
simple units. It contains a tubular furnace of only
3 mil. cal/hour capacity. The main production indices for the
plant are as follows: reactor pressure 50 atm; maximum
temperature 790 °C; separator temperature 35 °C;
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A process of thermal dealkylation...

5/065/62/000/004/001/004
E075/E136

pressure in benzene column 0.1-0.3 kg/cm²; temperature in benzene column, top 87 °C, bottom 130 °C; pressure in the recycle stock separation column 0.1-0.3 kg/cm²; temperature in the recycle stock separation column, top 260°, bottom 304 °C; molar ratio hydrogen/feedstock 4:1; space velocity of feed 4.0 h⁻¹; consumption of hydrogen 2.1% wt of feedstock; yield of benzene 78.7% wt of toluene. It was calculated that high grade benzene produced by the process from petroleum derived toluene is considerably cheaper than that obtained currently in the coking industry. It was established that thermal demethylation of methyl naphthalenes (700 °C, 50 atm) gives naphthalene with a yield of ca.50% wt of feedstock after one cycle. The most suitable raw materials for the process are aromatic products obtained during reforming, pyrolysis and catalytic cracking processes. It is expected that the dealkylation process will constitute an important source of benzene and naphthalene for the Soviet petro-chemical industry. There are 1 figure and 1 table.

Card 2/2

KAZANSKIY, B.A.; DOROGUCHINSKIY, A.Z.; ROZENGART, M.I.; LYUTER, A.V.;
MITROFANOV, M.G.; BRESHCHENKO, Ye.M.; KALITA, L.A.; GOL'DSHTEYN,
Yu.A.; AFANAS'YEV, A.I.; MAKAR'YEV, S.V.; ZAMANOV, V.V.

Dehydrocyclization of normal hexane. Trudy GrozNII no. 15:
254-264 '63. (MIRA 16:5)